

## CLAIMS

What is claimed is:

1. An apparatus for programming recording of broadcast

5 programs, comprising:

a recording means for recording onto a predetermined medium broadcast programs included in input signals;

a recording programming means for setting the recording start time and the recording end time of a given program in the broadcast programs, to program the given  
10 broadcast program as a first recording-scheduled program;

a program information acquisition means for acquiring electronic program-guide information;

an extension keyword search means for searching  
15 electronic program-guide information that relates to a given program as a secondly-recording-scheduled program to be broadcast on the same channel and the same date as and prior to the first program for a predetermined extension keyword indicating a program extension/delay; and

20 a delay means for delaying the recording end time of the first program, if as a result of search by the extension keyword search means a broadcast program in which the

extension keyword has been found is present.

2. A recording programming apparatus as recited in claim  
1, further comprising an extension time period setting means  
5 for setting an extension time period for obtaining a recording  
end time to be delayed by the delay means.

3. A recording programming apparatus as recited in claim  
1, characterized in that if a broadcast program in which the  
10 extension keyword has been found is present, the extension  
keyword means adds to the recording end time of the  
recording-scheduled program, a value obtained by  
multiplying by a predetermined extension time period the  
number of broadcast programs in which an extension keyword  
15 has been found.

4. A recording programming apparatus as recited in claim  
1, characterized in that the extension keyword is a phrase of  
a predetermined number or more of consecutive characters.

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5. A recording programming apparatus as recited in claim  
1, characterized in that the extension keyword is a

combination of two or more predetermined non-consecutive phrases, and the spacing between phrases forming the combination falls within a predetermined number of characters.

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6. A recording programming apparatus as recited in claim 1, characterized in that the electronic program guide information that relates to the second broadcast program is searched for a predetermined non-extension keyword
- 10 indicating no extension/delay of the second broadcast program, and the broadcast program in which the non-extension keyword has been found is not searched for the extension keyword.
- 15 7. A recording programming apparatus as recited in claim 1, characterized in that the extension keyword means performs a search on the electronic program-guide that relates to the second broadcast program, for a genre to which the second broadcast program belongs, and if a genre found does not
- 20 coincide with one of predetermined genres, then the extension keyword search means does not search for the extension keyword.

8. A recording programming method of setting the recording start time and the end time, and programming of recording a given program in the broadcast programs, comprising the

5 steps of: acquiring electronic program guide information;

searching electronic program guide information that relates to a second broadcast program to be broadcast on the same channel and the same date as and prior to the first  
10 program to be programmed, for a predetermined extension keyword indicating a broadcast program extension/delay; and

delaying a recording end time of the first broadcast program, if as a result of search in the step of searching for the extension keyword a broadcast program in which the  
15 extension keyword has been found is present.

9. A recording programming method as recited in claim 8, further comprising a step of setting an extension time period.

20 10. A recording programming method as recited in claim 8, characterized in that if a broadcast program in which the extension keyword has been found is present, in the step of

delaying the recording end time, a total extension time period obtained by multiplying by the predetermined extension time period the number of the broadcast programs in which the extension keyword has been found, is computed, then the first broadcast program recording end time is delayed by only the total extension time period.

11. A recording programming method as recited in claim 8, characterized in that the extension keyword includes a phrase greater than/equal to the number of predetermined consecutive alphabetic characters.

12. A recording programming method as recited in claim 8, characterized in that the extension keyword is a combination of two or more non-consecutive phrases, and the spacing between phrases forming the combination falls within a predetermined number of alphabetic characters.

13. A recording programming method as recited in claim 8, characterized in that in the step of searching for the extension keyword, the electronic program guide information that relates to the second broadcast program is searched for

the predetermined non-extension keyword indicating that the second broadcast program is not extended/delayed, and a program in which the non-extension keyword has been found is not searched for the extension keyword.

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14. A recording programming method as recited in claim 8, characterized in that in the step of searching for the extension keyword, the electronic program guide information that relates to the second broadcast program is found for the genre to which the second broadcast program belongs, and if  
10 a genre found does not coincide with one of predetermined genres, then a search for the extension keyword is not performed.